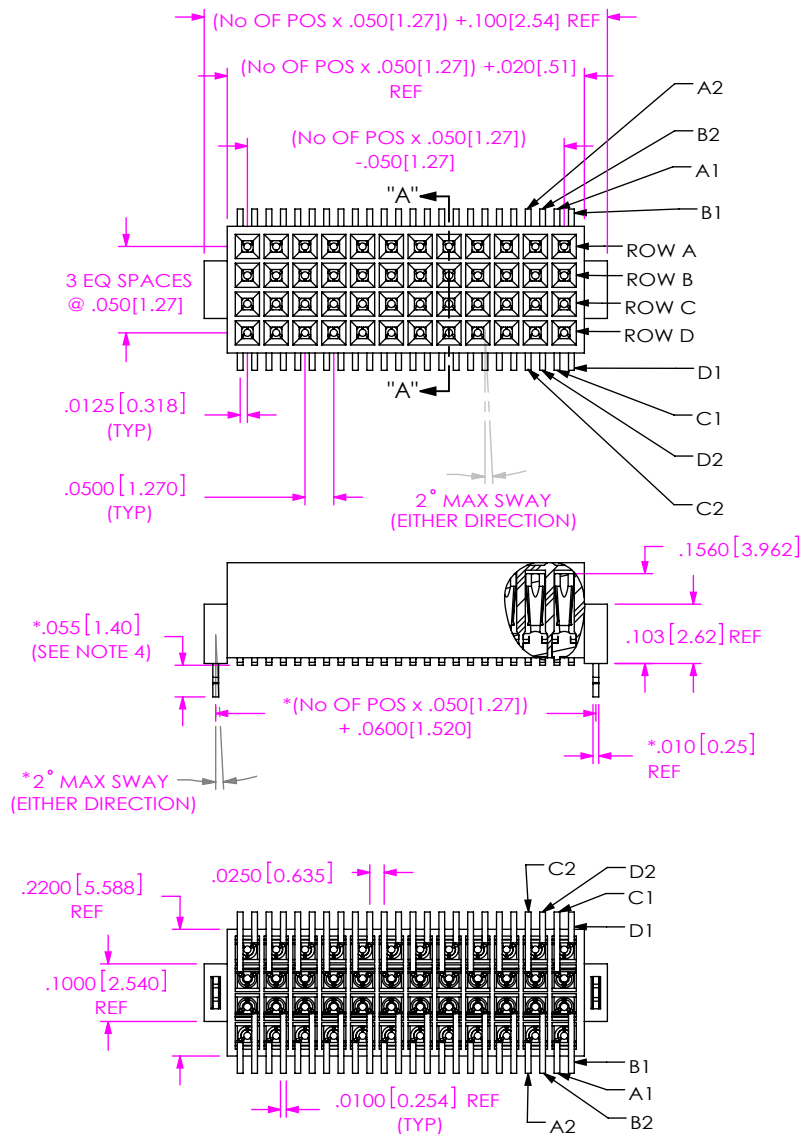


1.  REPRESENTS A CRITICAL DIMENSION
2. ROW TO ROW DIMENSION MUST BE WITHIN .002 OF EACH OTHER
3. MEASURE AT THE BEND, NOT AT THE TIP OF THE CONTACT
4. THIS DIMENSION TO BE MEASURED FROM TAIL TO LC.
5. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.
6. TUBES ARE STANDARD PACKAGING.
7. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
8. ATTACH LABEL TO EACH REEL.

DO NOT
SCALE FROM
THIS PRINT



FOLC-1XX-XX-X-Q-XXX-X-XX

No OF POSITIONS

-05 THRU -50

PACKAGING

BLANK: TUBES (SEE NOTES 6 & 7)
-TR: TAPE & REEL (SEE NOTES 7 & 8)
-FR: FULL REEL QTY TAPE & REEL
(SEE NOTES 7 & 8)

LEAD STYLE

-02: SURFACE MOUNT
-L2: LOW INSERTION
FORCE SURFACE MOUNT

PLATING SPECIFICATION

-S: 30μ" SELECTIVE GOLD ON CONTACT,
MATTE TIN TAIL
-H: 30μ" HEAVY GOLD ON CONTACT,
3μ" FLASH GOLD ON TAIL
-L: 10μ" SELECTIVE GOLD ON CONTACT,
MATTE TIN TAIL
(USE C-69X-S, C-68X-S CONTACT)
(FOR EXISTING CUSTOMERS ONLY)
-SM: 30μ" SELECTIVE GOLD ON CONTACT,
MATTE TIN TAIL

BODY SPECIFICATION

-Q: 4 ROW

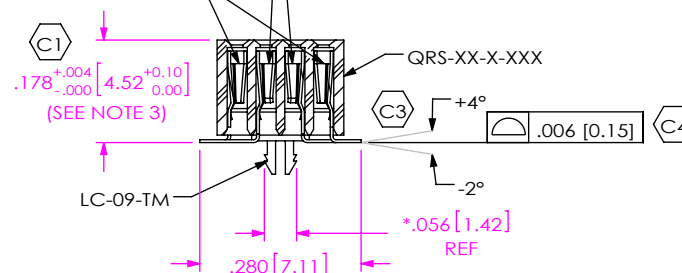
PICK & PLACE OPTION

-P: PICK AND PLACE PAD
(SEE FIG 3, SHT 2)
-K: POLYIMIDE FILM PAD
(.005 [.13] THICK W/
SILICONE ADHESIVE)
(SEE FIG 4, SHT 2)
(USE K-500-300)

OPTION

-LC: LOCKING CLIP
(SEE FIG 1) (SEE NOTE 5)
-LCR: LOCKING CLIP REVERSED
(SEE FIG 2, SHT 2) (SEE NOTE 5)

C-69-X (STANDARD INSERTION FORCE)
C-69L-X (LOW INSERTION FORCE)
C-68-X (STANDARD INSERTION FORCE)
C-68L-X (LOW INSERTION FORCE)



UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES

.XX: ±.01[0.3]

.XXX: ±.005[0.13]

.XXXX: ±.0020[0.051]

* PROPRIETARY NOTE *

THIS DOCUMENT CONTAINS CONFIDENTIAL AND
PROPRIETARY INFORMATION AND ALL DESIGN,
MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS
AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC,
INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE
OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR
REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY
OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS
WRITTEN CONSENT OF SAMTEC, INC.

MATERIAL: DO NOT SCALE DRAWING

SHEET SCALE: 3:1

INSULATOR: LCP, UL 94 VO
COLOR: BLACK
CONTACT: BeCu

DESCRIPTION:

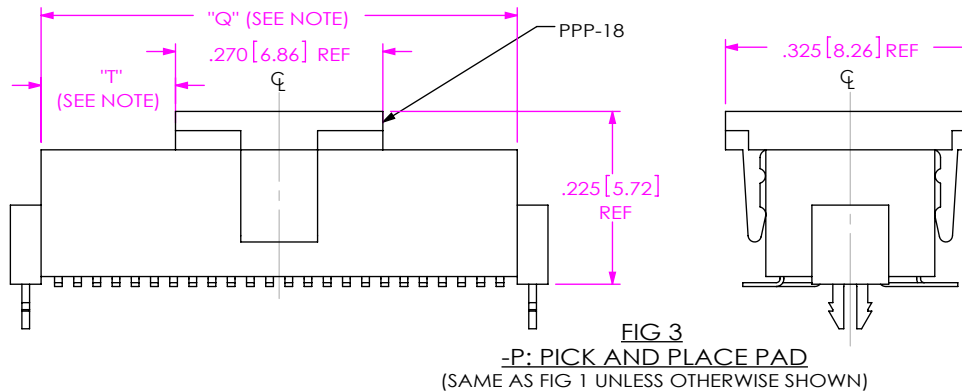
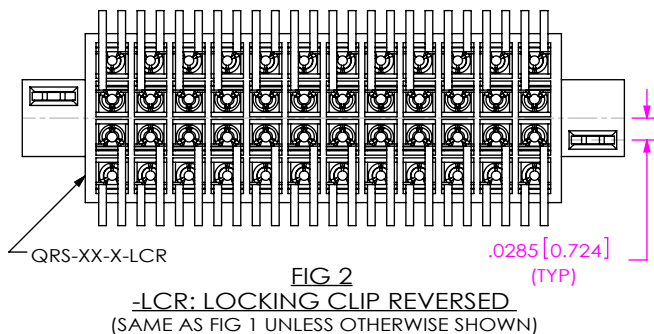
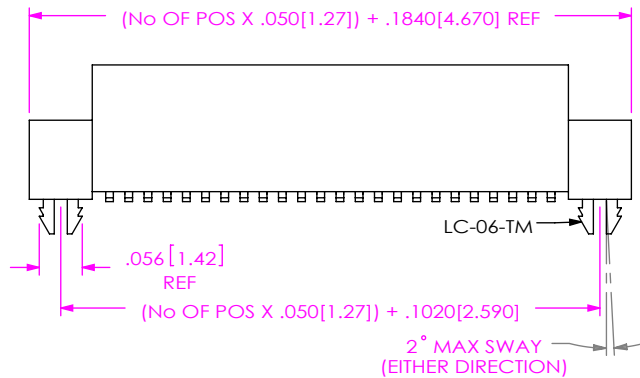
.050 X .050 CENTERLINE 4 ROW SOCKET STRIP

DWG. NO.

FOLC-1XX-XX-XX-Q-XXX-X-XX

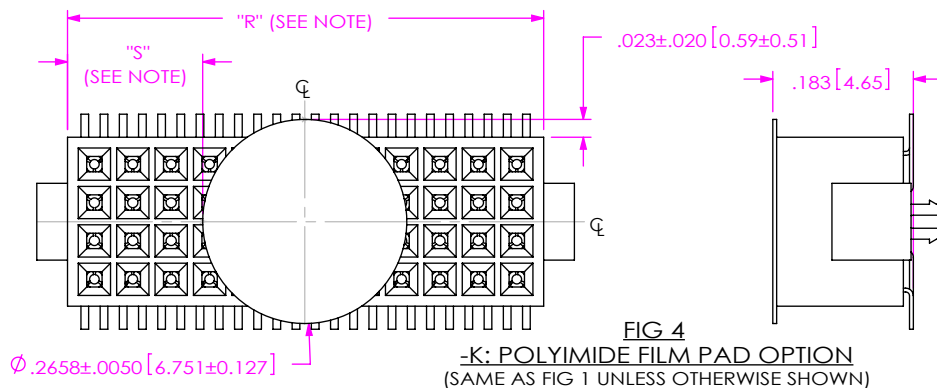
BY: G REIDINGER 03-29-1993

SHEET 1 OF 2



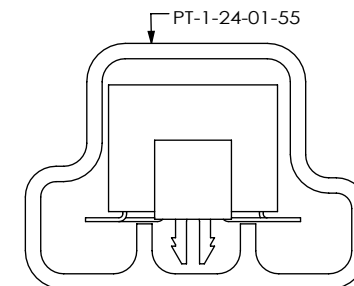
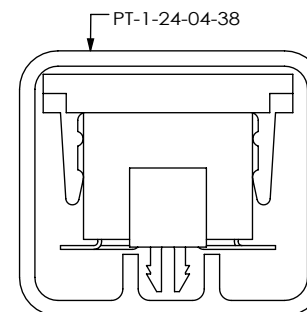
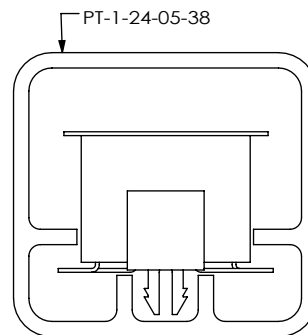
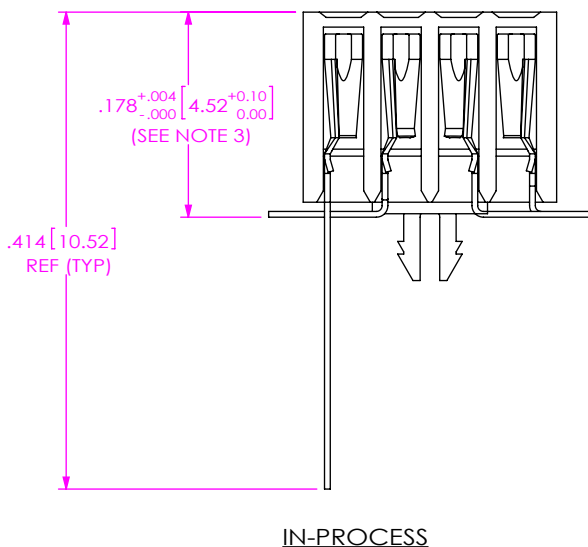
NOTE:

"Q" = USE MEASURED DIMENSION (REF)
"T" = $\{("Q" - .270 [6.89]) / 2\} \pm .020 [.51]$



NOTE:

"R" = USE MEASURED DIMENSION (REF)
"S" = $\{("R" - .2658 [6.75]) / 2\} \pm .020 [.51]$



PACKAGING VIEW
SCALE 4:1

OPTION	PACKAGING TUBE	PLUG
-LC, -LCR	PT-1-24-01-55	TP-24
-P, -P-LC, -P-LCR	PT-1-24-04-38	TP-03
-K, -K-LC, -K-LCR	PT-1-24-05-38	TP-03

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 4:1

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
.050 X .050 CENTERLINE 4 ROW SOCKET STRIP

DWG. NO.
FOLC-1XX-XX-XX-Q-XXX-X-XX

BY: G REIDINGER 03-29-1993 SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[FOLC-135-02-S-Q](#) [FOLC-150-02-S-Q-P](#) [FOLC-120-02-S-Q-LC-P-TR](#) [FOLC-120-L2-S-Q-P-TR](#) [FOLC-125-L2-S-Q-P](#)
[FOLC-130-L2-S-Q-P](#) [FOLC-135-L2-S-Q](#) [FOLC-140-L2-S-Q-LC](#) [FOLC-145-L2-S-Q-LC](#) [FOLC-105-L2-S-Q](#) [FOLC-](#)
[120-L2-S-Q-LC-P](#) [FOLC-145-02-S-Q-P-TR](#) [FOLC-150-L2-S-Q](#) [FOLC-122-02-S-Q-LC](#) [FOLC-125-02-S-Q-P-TR](#)
[FOLC-130-02-S-Q-LC](#) [FOLC-130-02-S-Q-P](#) [FOLC-135-02-S-Q-LC](#) [FOLC-135-02-S-Q-LC-P](#) [FOLC-145-02-S-Q](#)
[FOLC-145-02-S-Q-LC-P](#) [FOLC-120-02-S-Q-LCR-K](#) [FOLC-125-L2-S-Q-K-TR](#) [FOLC-125-L2-S-Q-LC](#) [FOLC-135-L2-S-](#)
[Q-LC](#) [FOLC-150-L2-S-Q-P-TR](#) [FOLC-115-L2-S-Q-LC](#) [FOLC-125-02-S-Q-LC](#) [FOLC-125-02-S-Q-LC-P](#) [FOLC-135-02-](#)
[S-Q-P-TR](#) [FOLC-140-02-S-Q-K-TR](#) [FOLC-145-02-S-Q-LC](#) [FOLC-145-02-S-Q-P](#) [FOLC-150-02-S-Q-P-TR](#) [FOLC-120-](#)
[L2-S-Q-LC](#) [FOLC-150-02-S-Q-LC](#) [FOLC-150-02-S-Q](#) [FOLC-150-02-S-Q-LC-P](#) [FOLC-140-02-S-Q-P](#) [FOLC-140-02-S-](#)
[Q-P-TR](#) [FOLC-140-02-S-Q](#) [FOLC-150-L2-S-Q-LC-P](#) [FOLC-120-L2-S-Q](#) [FOLC-115-02-S-Q](#) [FOLC-115-02-S-Q-TR](#)
[FOLC-120-02-S-Q-K](#) [FOLC-120-L2-S-Q-LCR](#) [FOLC-130-L2-S-Q-LC](#) [FOLC-130-L2-S-Q](#) [FOLC-120-02-S-Q-LCR](#)
[FOLC-120-02-S-Q-LCR-P](#) [FOLC-105-02-S-Q-LC](#) [FOLC-125-02-S-Q](#) [FOLC-125-02-S-Q-P](#) [FOLC-130-02-S-Q](#) [FOLC-](#)
[135-02-S-Q-P](#) [FOLC-140-02-S-Q-LC](#) [FOLC-120-02-S-Q-P](#) [FOLC-125-L2-S-Q](#) [FOLC-130-L2-S-Q-LC-P](#) [FOLC-132-](#)
[L2-S-Q-P](#) [FOLC-135-L2-S-Q-LC-P](#) [FOLC-135-L2-S-Q-P](#) [FOLC-140-L2-S-Q-LC-P](#) [FOLC-140-L2-S-Q-P-TR](#) [FOLC-](#)
[140-L2-S-Q-TR](#) [FOLC-105-L2-S-Q-K-TR](#) [FOLC-110-02-S-Q-P](#) [FOLC-120-02-S-Q-TR](#) [FOLC-125-L2-S-Q-P-TR](#)
[FOLC-105-L2-S-Q-LC](#) [FOLC-115-02-S-Q-LC](#) [FOLC-120-02-S-Q](#) [FOLC-120-02-S-Q-LC](#) [FOLC-120-02-S-Q-P-TR](#)
[FOLC-120-L2-S-Q-P](#) [FOLC-140-02-S-Q-LC-TR](#) [FOLC-135-02-S-Q-LC-P-TR](#) [FOLC-140-02-S-Q-K](#) [FOLC-120-02-SM-](#)
[Q-TR](#) [FOLC-120-L2-SM-Q-P-TR](#) [FOLC-125-02-SM-Q](#) [FOLC-120-02-H-Q](#) [FOLC-120-02-SM-Q-LC-P](#) [FOLC-130-02-S-](#)
[Q-LC-K-TR](#) [FOLC-135-02-H-Q-LC](#) [FOLC-125-02-H-Q](#) [FOLC-135-02-S-Q-LC-TR](#) [FOLC-120-02-SM-Q-P-TR](#) [FOLC-](#)
[120-02-SM-Q](#) [FOLC-120-02-SM-Q-LC](#) [FOLC-130-02-H-Q-LC](#) [FOLC-130-02-S-Q-LC-TR](#) [FOLC-120-L2-SM-Q](#) [FOLC-](#)
[135-02-H-Q](#) [FOLC-140-L2-S-Q](#) [FOLC-125-02-S-Q-TR](#) [FOLC-125-02-H-Q-TR](#) [FOLC-120-02-H-Q-TR](#) [FOLC-135-L2-](#)
[SM-Q-LC](#)